

## CLAIMS

1. An ultrasonic probe for transmitting a rotation of a motor, which is placed inside a grip portion in order to swing an ultrasonic transducer placed inside a tip portion of a longitudinal insertion portion, to said ultrasonic transducer, including:

10 a rotation shaft linked to a rotation shaft of said motor so that a tip is extended inside the tip portion of said insertion portion;

a first pulley attached to a tip of said rotation shaft;

15 a second pulley attached to a swinging shaft of said ultrasonic transducer;

a middle pulley placed between said first and second pulleys;

a wire laid between said first and second pulleys and said middle pulley; and

20 a sliding mechanism for sliding said middle pulley and fixing to said tip portion so that said wire is not loosened.

2. The ultrasonic probe according to claim 1,  
25 characterized in that said sliding mechanism

includes:

a slider portion to which said middle pulley is attached and which can be slid in a direction orthogonal to a rotation direction of  
5 said first pulley along a slider guide portion formed at said tip portion; and

a screw for fixing said slider portion to said tip portion.

10 3. The ultrasonic probe according to claim 1, characterized in that said wire is made of a line material having both ends and has a block for fixing both of the ends of said line material, and said block is attached to said first pulley.